



FLORENCE INTERNATIONAL SCHOOL
(Senior Secondary Affiliated With CBSE | ISO 21001:2018 Certified)
SUMMER HOLIDAY HOMEWORK (2025-26)
GRADE - V

Dear Students, Holidays are an integral part of a student's life.

It is a time for fun, a time to explore are given a meaningful direction, it results in a productive and enjoyable time. Let's use these holidays to pursue some hobbies and apply our minds creatively to learn new thing and to bring a change in the environment, in our own individual way.

General Instructions for Students:

- Follow the instruction given carefully with each activity.
- You can take help of the internet, newspapers magazines, encyclopaedia to collect information and pictures.
- Make you activity sheets presentable and attractive.

A few suggestions for parents:

- Spend quality time with your children and have fun time together
- Help the children to become independent by giving them responsibilities. Involve them in small household activities.
- Inculcate in them good manners, healthy habits and respect for elders.
- Converse with your children in English.
- Encourage your children to read books to enhance their language skills. Reading will also boost their interpretative skills and provide them valuable literary experience.
- Cultivate sportsmanship by encouraging your children to play various Indoor games.
- Remember that Summer Vacation is the time to relax and enjoy.
- So, spend these holidays creating a nurturing and stimulating environment filled with fun, frolic, learning and education.
- Have a family dinner every day.
- Play board games with your parents and sibling and show them who is the

smartest.

Spend some quality time with an elderly person in the family and ask them to share their childhood days.

Instructions for Doing the Holiday Homework

1. Use a separate school notebook for completing all Holiday Homework.
2. Write the answers to all worksheet questions in the notebook, subject-wise.
3. For all project works(except SST/EVS), use A4 size chart sheets or chart paper only.

Do NOT use any scrapbook for projects.

4. SST AND EVS

Models /Projects to be made according to the topics (any one)

5. Ensure neatness and clarity: All work, whether in notebooks or on project sheets, should be done neatly with clear and legible handwriting.
6. Marks will be awarded for the holiday homework, so complete it with care and effort.

SUBJECT – ENGLISH (Worksheet 1) **(Section A Unseen Passage)**

1. Read the following passage & answer the following questions:

A Visit to the Space Station

The International Space Station (ISS) is a large spacecraft that orbits the Earth. It is like a floating science lab where astronauts from different countries live and work. The ISS travels at a speed of about 28,000 kilometers per hour and completes one orbit around Earth every 90 minutes.

Astronauts on the space station do many experiments to learn how living in space affects the human body. They also study plants, animals, and how objects behave in zero gravity. Living in space is very different from life on Earth. There is no gravity, so astronauts float instead of walk. They sleep in small sleeping bags attached to the walls, and their food comes in special packages.

To stay healthy, astronauts exercise every day using special machines. They also have to recycle water and keep the station clean. After spending several months in space, astronauts return to Earth to share what they have learned.

1. Fill in the Blanks

- a. The space station moves around the_____.
- b. There is no _____ in space, so astronauts float.

2. Multiple Choice Questions (MCQs)

- i. How fast does the ISS travel?
 - a) 10,000 km/h
 - b) 28,000 km/h
 - c) 1,000 km/h
 - d) 100 km/h
- b. What do astronauts use to sleep in space?
 - a) Beds
 - b) Chairs
 - c) Sleeping bags
 - d) Hammocks

3. True or False

- a. Astronauts eat food in normal plates and bowls-
- b. The ISS completes one orbit in 24 hours-

4. Answer the Following Questions

- a. How do astronauts stay healthy in space?

Section B (Literature)

1. Fill in the blanks

- a. The elder brother considered the narrator his _____
- b. The little prig was _____
- c. The elder brother was _____and studious.
- d. The narrator would walk out of the _____ at the first opportunity.

2. Write true or false

- a. The squirrel can crack a nut -
- b. The mountain can move -
- c. The elder brother loved to play with marbles & fly kites-

3. Tick the correct option

- i. The tree was _____
 - a. strong b short c. unsteady
- ii. Mum asked dad _____
 - a. to rescue the cat b. to climb the tree c. not to fall

4. Write the word meaning

- a. Tread- b. s pry-

5. Answer the following question

- 1. What makes up a ' year and a sphere'? Quote from the poem.
- 2. Why did the narrator cry?

Section C (Grammar)

1. Identify the different types of sentence

1. Can you help me with my homework?

- A. Declarative
- B. Exclamatory
- C. Interrogative
- D. Imperative

2. I enjoy reading mystery novels.

- a) Declarative
- b) Interrogative
- c) Imperative
- d) Exclamatory

3. Don't touch that switch.

- a) Declarative
- b) Interrogative
- c) Imperative
- d) Exclamatory

4. How beautiful this garden is!

- a) Declarative
- b) Interrogative
- c) Imperative
- d) Exclamatory

2. Circle the subject & underline the predicate

- 1. The baby cried loudly during the night.
- 2. My cousins visited us during the holidays.
- 3. His little sister is singing a song.
- 4. Grandma baked cookies for everyone.

3. Identify the different types of nouns-

- 1. We visited Paris during our vacation-
- 2. The girl is reading a book-
- 3. The flock of birds flew across the sky-
- 4. He found five coins in the drawer-

4. Rearrange the words to make a sentence -

- a. help / me / could / homework / with / you / my
- b. time / what / the / is / now
- c. ride / how / bicycle / a / to / learn / you / did
- d. like / you / would / to / what / eat

5. Write the plural form-

1. Watch-
2. Thief-
3. Lady-
4. Child-

6. Write the Opposite gender

1. Poet-
2. Duck-
3. Husband-
4. Waiter-

(Section D)

Q. Write a paragraph (100-150 words) about 'A Time I was Really Proud Of Myself'.

WORKSHEET 2 (SECTION A UNSEEN PASSAGE)

1. Read the passage carefully and answer the following question

A Visit to the Jungle

Last summer, I visited a jungle with my family. It was a part of a wildlife sanctuary located deep in the mountains. We traveled by jeep early in the morning, hoping to see animals in their natural home. The forest was thick and green, filled with the sound of chirping birds, buzzing insects, and rustling leaves.

As we moved further into the jungle, we saw a group of deer drinking water from a small stream. Later, we spotted some monkeys swinging from tree to tree. The guide told us to stay quiet so we wouldn't scare the animals. He also shared facts about the jungle and explained how each creature plays an important role in nature.

The most exciting moment was when we saw a tiger resting under a tree. It looked powerful but calm. We stayed at a safe distance and watched it silently. After a while, the tiger slowly walked away into the trees.

The jungle is not just home to animals; it is also full of plants, trees, and insects that help keep the environment healthy. Sadly, some people cut down trees and hunt animals, which can harm the jungle. We must all work together to protect wildlife and their homes.

1. Fill in the Blanks

- a. The jungle was part of a _____ sanctuary.
- b. The family traveled by _____ into the jungle.

2. Multiple Choice Questions (MCQs)

1. What time of day did the family visit the jungle?

- a) Afternoon
- b) Evening
- c) Early morning
- d) Night

2. Which animal did they see drinking from a stream?

- a) Monkeys
- b) Elephants
- c) Deer
- d) Tigers

3. True or False

- a. The jungle was located near a city.
- b. The guide shared interesting facts about the jungle.

4. Answer the following questions

- a. What is the moral of the story?

Section B (Literature)

1. Fill in the blanks

- 1. It takes all sorts of things and _____ to make a year.
- 2. The narrator was shocked to know that he had passed his exams with _____
- 3. The elder brother always remained _____.
- 4. The squirrel cannot carry _____ on its back.

2. Write true or false

- 1. The mountain can move-
- 2. After the last exam, the narrator was five grades behind the elder brother -
- 3. The narrator was very fond of studies -

3. Tick the correct option

- 1. Dad was ____ about climbing the tree.
a. confident b. nervous c. unsure
- 2. Plan C was to climb up the ____
a. tree b. garden wall c. ladder

4. Write the word meaning

- 1. Wobbly-
- 2. bun-

5. Answer the following question

- 1. Who Was the little prig ?
- 2. What was the 'big stroke' that the speaker is referring to?

Section C (Grammar)

1. Identify the different types of sentence

1. "Wow! That fireworks show was amazing!"

- A. Declarative
- B. Imperative
- C. Exclamatory
- D. Interrogative

2. "Do you want to play outside?"

- A. Imperative
- B. Declarative
- C. Interrogative
- D. Exclamatory

3. "It is raining heavily today."

- A. Declarative
- B. Imperative
- C. Exclamatory
- D. Interrogative

4. "Be quiet during the movie."

- A. Declarative
- B. Imperative
- C. Exclamatory
- D. Interrogative

2. Circle the subject & underline the predicate

- 1. The dog barked loudly at the stranger.
- 2. Our teacher gave us a fun homework assignment.
- 3. Tom and Jerry are watching a movie.
- 4. The stars twinkled in the night sky.

3. Identify the different types of nouns—

- 1. The class is studying for the test-
 - 2. We went to the park yesterday-
 - 3. Newyork is a busy city-
 - 4. I have three pens-
4. Rearrange the words to make a sentence -
- a. your / how / spend / you / weekend / did
 - b. the / library / to / when / you / go / did
 - c. movie / was / the / what / about
 - d. visit / like / would / country / to / which / you

5. Write the plural form-

- a. Lady-
- b. Mouse-
- c. Bench-
- d. Match-

6. Write the opposite gender -

- a. Nephew- b. Emperor-
- c. Priest- d. Fish-

(SECTION D)

1. Write a paragraph (100- 150 words) about 'A Place I Want to Visit'?

SUBJECT – HINDI REVISE SYLLABUS FOR PT 1

सभी प्रश्न अनिवार्य हैं

खंड अ (अपठित गद्यांश)

गद्यांश पढ़कर निम्न प्रश्नों के उत्तर दें:

वर्तमान समय में, समाचार पत्र की क्रान्ति पूरे विश्व में फैल गई है। आजकल, सभी अपने ज्ञान के बारे में अधिक जागरूक हो गए हैं। नियमित रूप से अखबार पढ़ना बहुत अच्छी आदत है। हम सभी को भी अपने जीवन में अखबार पढ़ने की आदत डालनी चाहिए। यह हमें आधुनिक तरीकों और परम्पराओं के बारे में जानकारी देता है। यह हमें स्कूलों, कॉलेजों, न्यायालयों, नीतियों, कार्यालयों, होटलों, रेस्तराओं और बाजारों आने वाली अन्य नई चीजों के बारे में जानकारी देता है।

समाचार पत्र सबसे महत्वपूर्ण वस्तु है, जो सभी धर्म, जाति या जनजाति के द्वारा प्रयोग किया जाता है। यह हमारे स्कूल प्रोजेक्ट्स (परियोजनाओं) और ग्रह कार्यों को करने में मदद करता है। यह हमें शोधों, नई तकनीकियों, बाजार के उतार-चढ़ाव, और अन्य चीजों के बारे में जानकारी देता है। ब्रांड और भुगतान के अनुसार, समाचार पत्र और पत्रिकाएं बहुत प्रकार के होते हैं। जिनमें देश विदेश की सभी तरह की सूचनाओं का संग्रह होता है।

(क) अच्छी आदत क्या है?

(ख) समाचार पत्र कई की जानकारी देता है?

(ग) समाचार पत्र हमारी किस प्रकार मदद करता है?

(घ) समाचार पत्र क्या है ?

(ड) प्रस्तुत गद्यांश का उचित शीर्षक लिखिए।

खंड ख (लेखन कौशल)

2. "कौआ और चिड़िया" कहानी का सारांश अपने शब्दों में लिखें।

खंड ग (व्याकरण)

3. रिक्त स्थान भरिए:

(क) _____ का क्षेत्र सीमित होता है।

(ख) _____ का उच्चारण नाक व मुख दोनों से होता है।

(ग) अर्थ के आधार पर वाक्य के _____ भेद होते हैं।

(घ) विराम चिन्हों के प्रयोग से भाषा के _____ और _____ को आसानी से समझा जा सकता है।

4. दिए गए शब्दों का वर्ण विच्छेद कीजिए:

(क) क्यारी

(ख) इकट्ठा

(ग) सुंदर

5. "श्य" संयुक्त व्यंजन से दो शब्द बनाइए।

6. निम्नलिखित वाक्यों के प्रकार पहचानिए:

(क) वह खेल रहा था और मैं पढ़ रहा था। _____

(ख) यदि तुम समय पर आओगे तो हम फ़िल्म देखने चलेंगे। _____

(ग) सूरज उग चुका है। _____

7. निम्न वाक्यों में उचित स्थान पर विराम चिन्ह लगाइए:

(क) मुझे फल सब्जियां दूध और रोटी चाहिए

(ख) क्या तुमने अपना काम पूरा कर लिया

(ग) अरे यह क्या हो गया

(घ) मां बोली तुम समय पर घर लौट आना

(ङ) बच्चा बोला मुझे भूख लगी है

8. निम्न प्रश्नों के उत्तर दो:

(क) भाषा किसे कहते हैं?

(ख) संयुक्त व्यंजन से आप क्या समझते हैं?

(ग) उद्देश्य और विधेय में क्या अंतर है?

(घ) लाघव चिन्ह का प्रयोग कहाँ होता है वह इसे किस प्रकार लिखा जाता है?

खण्ड घ (पाठ्य पुस्तक)

9. रिक्त स्थान भरें:

(क) घटा घिरी अटूट हो _____

(ख) चिड़िया हांडी लेकर _____ के पास गई।

10. सही (✓) या गलत (x) का निशान लगाइए:

(क) बड़े चलो से कवि का तात्पर्य है जीवन में आगे बढ़ना है। _____

(ख) चिड़िया ने लुहारिन के साथ मिलकर खिचड़ी खाई। _____

(ग) चुनमुन का मन बाहर जाने के लिए मचल रहा था। _____

11. निम्नलिखित प्रश्नों के उत्तर दीजिए:

(क) मंजिल प्राप्त करने के लिए हमें क्या करना चाहिए?

(ख) शीलू भैया ने गुब्बारे वाले से एक एक बड़ा धागा क्यों बंधवा लिया था?

(ग) कौआ क्या देख कर चकित हो रहा था? उसने चिड़िया से भरे गले से क्या कहा?

(घ) अन्न, नीर, वस्त्र न होने की दशा से कवि का क्या तात्पर्य है?

SUBJECT - MATHEMATICS

1. Revise P.T. -1 Syllabus
2. Revise table from 2 to 25
3. Design a model of a watch that demonstrates the concept of time. Make sure your model clearly shows the hour, minute, and second hands, and use creative materials to make it visually appealing and easy to understand.
4. Students with even roll numbers will prepare a chart on the Indian Number System, while students with odd roll numbers will prepare a chart on the International Number System. Make the charts informative, neat, and colourful.
5. Solve worksheets
6. FUN BASED Homework: "Shop with Parents – Learn with Numbers!"

OBJECTIVE

To understand multiplication and division in a real-life shopping situation.

Instructions:

1. Make a Shopping List

Choose at least 5 grocery items you want to buy (e.g., bananas, soap, milk, rice, biscuits).

- Write down the price of one unit of each item.

Go Shopping with Your Parents:

- While shopping, check the prices.
- Note down how many units you bought for each item.
- Do the Math at Home:
- Multiplication: Multiply the number of units by the price per unit to get the total cost for each item.(e.g., 3 soaps \times ₹25 = ₹75)

- Division: If one item was shared among family members, calculate the cost per person.
(e.g., 1 watermelon costing ₹120 shared by 4 members → $₹120 \div 4 = ₹30$ per person)
- Record in a Table:

Item	Price per Unit	Quantity Bought	Total Cost	Shared With (people)	Cost per Person	Bananas
	₹106		₹602		₹30	

WORKSHEET 1 - NUMBERS AND NUMERATION

Question 1: Fill in the blanks

1. The successor of 90473 is _____.
2. The number name of 766634 is _____.
3. The place value of 4 in 4,23,500 is _____.
4. 1 crore is equal to _____ lakh.
5. The smallest 6-digit number is _____.
6. The number name of 423864 is _____.
7. The place value of 4 in 4,23,500 is _____.

Question 2: Write the numbers

1. Write the numeral for: Seven lakh eighty thousand fifty.
2. Write in expanded form: 399590
3. Write the predecessor of: 173021
4. Round off 31713 to the nearest ten.
5. Round off 783294 to the nearest thousand.
6. Round off 66138 to the nearest ten.
7. Round off 318448 to the nearest thousand

Question 3: Comparing and Arranging Numbers

1. Write the smallest and greatest 6-digit number using digits 6, 5, 2, 3, 1, 8 (without repeating any digit).
2. Write the smallest and greatest 6-digit number using digits 8, 9, 5, 4, 3, 6 (without repeating any digit).
3. Arrange the following in ascending order: 582514, 333848, 845530, 902759
4. Write the smallest and greatest 7 digit number using different digits.
5. Use $>$, $<$, or $=$ to compare:
(a) 652675 ___ 456687 (b) 95089 ___ 1,00,000

Question 4: Indian and International Place Value

1. Write 203,497 using the international place value system.
2. 623140142 write number names in both systems of numeration
3. Write 1,383,813 in the Indian place value system and number name.

Worksheet 2 - Roman Numerals

Question 1: Fill in the blanks

1. The Roman numeral for 10 is _____.
2. The Roman numeral for 50 is _____.
3. The Roman numeral for 100 is _____.
4. The Roman numeral for 9 is _____.
5. The Roman numeral for 40 is _____.

Question 2: Write in Roman Numerals

1. 17 = _____
2. 36 = _____
3. 99 = _____
4. 54 = _____
5. 88 = _____

Question 3: Write in Hindu-Arabic Numerals

1. XLIV = _____
2. XC = _____
3. LXXXIII = _____
4. XXIX = _____
5. LXI = _____

Question 4: Match the following

Hindu-Arabic

1. 25
2. 49
3. 63
4. 74
5. 92

Roman Numerals

- (a) LXXIV
- (e) XLIX
- (b) XXV
- (c) LXIII
- (d) XCII

Question 5: True or False

1. XL is 60.
2. C is 100.
3. Roman numerals have symbols for 0.
4. LXX = 70
5. IX is 11.

Worksheet 3 - Operations on Whole Numbers

Question 1: Fill in the blanks

1. The sum of 12,345,678 and 23,456,789 is _____
2. $87,654,321 - 45,678,123 =$ _____
3. $2,345,678 \times 23 =$ _____
4. $56,789,123 \div 7 =$ _____
5. The product of 12,345,678 and 3 is _____
6. $10,234,567 + 8,765,432 =$ _____

7. $90,123,456 \div 8 =$ _____

8. The difference between 65,432,109 and 32,109,876 is _____

Question 2: Operations on Numbers (Addition, Subtraction, Multiplication, Division)

1. $9,876,543 \times 12 =$ _____

2. $56,789,123 \div 623 =$ _____

3. $2,345,678 + 9,876,543 =$ _____

4. $78,765,432 - 34,567,890 =$ _____

5. $98,765,432 \times 9 =$ _____

6. $10,987,654 \div 5 =$ _____

Question 3: Word Problems

1. A company has 23,456,789 items in stock. They sell 12,345,678 items in one week. How many items are left in stock?
2. A factory produces 8,765,432 cars in a month. If the production rate remains the same, how many cars will the factory produce in 12 months?
3. The population of a city is 56,789,123 people. If 2,345,678 people move to another city, what is the remaining population?
4. A school receives 12,345,678 books from a publisher. If they distribute 8,765,432 books, how many books are left in the library?
5. The company earned 89,765,432 rupees this year. If they invest 23,456,789 rupees in a new project, how much money will remain?

QUESTION 4 SIMPLIFY BY USING BODMAS

1. $(10 + 2) \div 2 + 6$

2. $25 - (15 \div 5) \times 2$

3. $(9 \times 2) - (6 + 3)$

4. $(30 \div 5) + (4 \times 2)$

5. $[18 - \{(4 \times 2) + (3 + 1)\}]$

6. $[\{ (10 + 2) - 4 \} \times (6 \div 2)]$

7. $[(7 \times 2) + \{ 6 - (3 + 2) \}]$

8. $[\{ (15 \div 3) + 2 \} \times (4 - 1)]$

Question 5: Mixed Operations

1. Solve: $12,345,678 \times 3 \div 6 =$ _____

2. Solve: $(34,567,890 + 23,456,789) \times 2 =$ _____

3. Solve: $87,654,321 - 56,789,123 + 23,456,789 =$ _____

4. Solve: $(89,765,432 + 34,567,890) =$ _____

SUBJECT - SCIENCE REVISE SYLLABUS FOR PT-1

Activity Title: "Grow a New Plant from a Cutting"*

Objective:

To observe vegetative reproduction in plants.

Materials Needed:

A healthy money plant (or rose, or mint – plants that reproduce from cuttings)

A glass of water or small pot with moist soil (for reference:- science book p.g no- 29)

Procedure:

1. Take a cutting (about 10–15 cm) from the parent plant, making sure it has a few leaves.
2. Remove the lower leaves from the cutting.
3. Place the cutting in a glass of water (or plant it in moist soil).
4. Keep it in a place with indirect sunlight.
5. Observe the cutting daily and record changes (like root development, leaf growth).
6. After 1–2 weeks, discuss how this is an example of vegetative reproduction.

Title: "Layers of the Earth" Scrapbook Activity

Objective: Learn about the different layers of the Earth through a creative and visual representation.

Instructions:

1. Cut out circles of different sizes from colored paper to represent the Earth's layers:

Inner Core (red)

Outer Core (orange)

Mantle (yellow)

Crust (brown)

Water and Land (blue/green for Earth's surface)

2. Layer and glue the circles on the scrapbook page from largest to smallest, starting with the outermost (crust) and ending with the smallest (inner core) on top.
3. Label each layer with its name and one fact.

WORKSHEET -1 SCIENCE

Multiple choice question

1. Which of these is energy giving nutrient?
 - a) Vitamins.
 - b) Carbohydrates
 - c) Protein
 - d) Minerals
2. Which of these is not a deficiency disease?
 - a) beri beri
 - b) Common cold
 - c) Scurvy
 - d) Rickets
3. Which of these food items is rich in vitamin A ,B and D and also in calcium?
 - a) Milk
 - b) Apple
 - c) Meat
 - d) Bread
4. Ferns reproduce by

- a) Giving birth to babies
- b) Laying eggs
- c) Producing seeds
- d) Producing spores.

5. Living things get energy from

- a) oxygen
- b) Food
- c) Carbon dioxide
- d) Water

True and false

- 1. Some living things are made up of only one cell.
- 2. Sunlight provide energy to the plants to make their food.
- 3. Plant stop growing after sometime.
- 4. Vitamin and minerals are required in small quantities.
- 5. Vaccine contains substance which can fight against disease causing germs.

Name these (very short answers)

- 1. A bad habit which is the major cause of heart disease.
- 2. A chemical that is used to kill insect
- 3. Diet containing all nutrients in right quantity
- 4. Drugs that can kill bacteria in the blood.
- 5. The absorb oxygen in the water.

Match the following

- | | |
|--------------------------|---------------------------|
| 1. Anaemia | fresh fruit and vegetable |
| 2. Goitre | pulses |
| 3. Proteins | iodised salt |
| 4. Night blindness | carrot |
| 5. Vitamin and minerals. | Spinach |

Short answer questions

- 1. Name five nutrients your body needs to remain healthy.
- 2. Give an example of a plant responding to its environment
- 3. Most parent advise their children not to eat street food. What can be the reason for this?
- 4. Why foods have been divided into 5 categories ?
- 5. What is balanced diet?

Long answer questions

- 1. What are the advantages of regular exercise
- 2. How does a mosquito spread malaria?
- 3. Why do doctor tell us to include roughage in our diet though it cannot be digested by us?

Diagram

Draw a well balanced diet chart including all the nutrients you take in a day.

Worksheet -2

Multiple choice questions

1. Which of these not reproduce from the seeds?
 - a) Bean
 - b) Cotton
 - c) Mushroom
 - d) Pea
2. Which of these is a crop grown in winter?
 - a) Rice
 - b) Wheat
 - c) Maize
 - d) All of these
3. Which of these is an oil producing crop?
 - a) Wheat
 - b) Sunflower
 - c) Cotton
 - d) Tea
4. Which of these is made up of only one cell?
 - a) Mosquito
 - b) Seed
 - c) Paramecium
 - d) Ant
5. Which living things sells there environment with the help of sense organs?
 - a) All animals
 - b) All plants
 - c) All plants and animals
 - d) Most animals

True and false

1. The yield from a crop does not depend on the types of seed used
2. Seeds need sunshine to start growing.
3. The baby plant in the seed starts using the food stored in the seed only when it starts growing.
4. To grow into healthy plant different plant need different conditions
5. Living things cannot get energy from the food in absence of oxygen.

Very short answers

1. Name one plant which can reproduce from leaves.
2. Give two examples of Rabi crops.

3. What is cotyledons?
4. Name two seed dispersal method.
5. How do fern plant reproduces?

Short answer questions

1. Name two crops that grow well in summer and to that group well in winter
2. How do hooks and spine help dispersal of some seeds
3. Why is dispersal of seeds necessary?
4. During the day plants take in carbon dioxide and give out oxygen what happens at night?
5. How does a potato plant reproduce?

Long answer questions

1. What do you mean by the agents of seed dispersal? Give the names of three agents of dispersal.
2. Coconut trees are mostly found in coastal areas. How does this help the trees?
3. Think of two more ways in which you respond to the changes in environment.

Diagram

Draw a diagram of complete photosynthesis process along with the equation.

SUBJECT - S ST

1. Our Earth at a Glance

Project Create a Globe or Earth Model"

Materials Needed: Styrofoam ball or cardboard, paints, markers, a world map, glue, and other craft materials.

Steps:

1. Research Earth's layers: Learn about the Earth's layers (crust, mantle, core) and how the Earth is divided into continents and oceans.
2. Create the model: Students can use a Styrofoam ball to create a 3D model of the Earth. Paint the oceans blue and the continents in different colors.
3. Label the continents and oceans: Using a world map, label the continents and oceans on the globe.
4. Write a fact sheet: Write short facts about the Earth, such as the importance of the atmosphere, and include environmental tips.

Presentation Tips:

1. Explain the Earth's layers and how the continents and oceans are arranged.
2. Share interesting facts, like how the Earth is tilted on its axis or how the rotation causes day and night.

2. Climate of the World

Project: Weather Chart and Comparison"

Materials Needed: Poster board, markers, access to online weather data.

Steps:

1. Research different climates: Learn about different climate zones (tropical, desert, polar, etc.) and the factors that affect climate (latitude, altitude, etc.).
2. Create a climate chart: Create a chart or graph comparing the climates of three different cities or countries around the world. For each place, include average temperature, rainfall, and season patterns.
3. Make a climate map: Draw a world map and color-code it to show different climate zones.
4. Climate diary: Students can track the weather for a week and compare it to the climate data they researched.

Presentation Tips:

1. Present the weather chart, explaining each city's climate and how it affects the local environment.
2. Discuss the different climates on the map and what kinds of plants and animals thrive in each zone.
3. Transport and Communication

Project: "The Evolution of Transport and Communication"

Materials Needed: Models or, images of transport and communication methods (e.g., old vehicles, telegraphs, internet), markers.

Steps:

1. Research transportation and communication: Learn how transport (like cars, trains, airplanes) and communication (letters, telephones, the internet) evolved over time.
2. Create a timeline: Create a timeline showing the evolution of transport and communication. Include important milestones like the invention of the steam engine, airplane, telephone, and the internet.
3. Make a mini museum: Create a mini display showing images of old and modern transportation and communication methods.

Presentation Tips:

1. Walk the class through the timeline, explaining each stage of development.
2. Discuss how each invention changed people's lives and made the world more connected.
4. The World Working Together

Project: "Global Cooperation Poster"

Materials Needed: Poster board, markers, pictures of global organizations (e.g., United Nations, World Health Organization).

Steps:

1. Research global organizations: Learn about international organizations that help countries work together (like the United Nations, WHO, UNICEF).

2. Create a poster: Create a poster showing different global organizations and their goals (e.g., promoting peace, providing humanitarian aid).
3. Write about global cooperation: Write a few paragraphs about why the world needs to cooperate and what issues global organizations are trying to solve (e.g., climate change, poverty, health crises).

Presentation Tips:

1. Present the poster, explaining the role of each organization and how they help solve global problems.
2. Ask classmates to think of other ways countries can cooperate for a better world.

5. India’s Freedom Struggle

Project: Timeline of India’s Freedom Struggle"

Materials Needed: Large poster board, markers, pictures or images of key freedom fighters, access to research material.

Steps:

1. Research key events: Learn about important events in India's freedom struggle (e.g., Salt March, Quit India Movement, independence in 1947).
2. Create a timeline: Create a timeline of events from the early 1900s leading up to India's independence in 1947. Include key leaders like Mahatma Gandhi, Jawaharlal Nehru, and Subhas Chandra Bose.
3. Important figures: Highlight key figures in the movement, showing pictures and explaining their roles in the struggle.

Presentation Tips:

1. Present the timeline, explaining each key event and its significance.
2. Discuss how India achieved independence and the role of nonviolent resistance led by Mahatma Gandhi.

Additional Summer Holiday Fun Projects:

1. World Map Puzzle: Create a jigsaw puzzle of the world map where each country or continent is a piece. Students can put the pieces together and label the countries.
2. Weather Journal: Track the weather every day for a month and record it. Compare the patterns with different climates and learn about how weather affects daily life.
3. Travel Brochure for a Country: Choose a country from any climate zone and create a travel brochure, including information about the climate, famous landmarks, and cultural experiences.

WORKSHEETS

Worksheet 1:

Maps and Directions

A. Fill in the Blanks

1. The four main directions areand
2. A helps us find places on Earth.
3. The symbol for North is usually shown by a

4. A_ shows the layout of a small area like a park or room.
5. The_ is the imaginary line that divides Earth into two equal halves.

B.. True or False

1. A globe is more detailed than a map. (.....)
2. Compass shows direction. (....._)
3. Symbols on maps are called conventional signs. (....._)
4. A sketch is always drawn to scale. (....._)
5. East is opposite to West. (....._)

C. One Word Answers

1. Instrument used to show directions –
2. Map that shows physical features –
3. The direction to the right of North –_
4. Map that shows countries and states –
5. The bottom of a map generally shows which direction?

D. Definitions

1. Map –
2. Compass –
3. Sketch –
4. Scale –

E. Short Question/Answers

1. What are the four cardinal directions?
2. What is the use of a compass?
3. What is the purpose of using symbols on a map?

F. Long Question/Answer

1. Describe different types of maps and what they show.
2. How can we find directions using the Sun and compass?

WORKSHEET 2

Topics: The Earth – Our World

A. Fill in the Blanks:

1. The_ is the imaginary line that divides the Earth into Northern and Southern Hemispheres.
2. Lines of latitude are also called
3. The_ is the longest parallel.
4. The Prime Meridian runs through
5. Meridians meet at the

B. True or False:

1. Parallels run from North to South. (....._)
2. The Earth is a perfect sphere. (....._)
3. The Prime Meridian is at 180° longitude. (.....)

4. All meridians are equal in length. (....._)

5. The Equator is at 0° latitude. (....._)

C. One Word Answers

1. 0° latitude:

2. 0° longitude:

3. Lines that run parallel to the Equator:

4. The shape of the Earth:

5. The line opposite the Prime Meridian 180°

D. Definitions:

1. Equator –

2. Prime Meridian –

3. Latitude –

4. Longitude –

E. Short Answer Questions:

1. What is the importance of the Equator?

2. What do you understand by the term 'grid' on the globe?

3. How are meridians different from parallels?

F. Long Answer Question:

1. Explain the difference between Parallels and Meridians. Why are they important for locating places on Earth?

G. Diagram:

* Draw a simple globe showing:

* Equator

* Prime Meridian

* A few lines of latitude and longitude

* Label Northern & Southern Hemisphere

COMPUTER

1) Learn whole chapter 1 & 2 from book & notebook.

2) Take the printout/write it on sheets both the worksheets 1,2 & answers it.

Attach extra sheets for answers where ever required

3) Draw/paste any 2 logo of operating system & write 2 to 3 lines about them on A3 sheet

WORKSHEET-1 (COMPUTER)

1) MCQ:

i. Which of the following is a utility software?

a. Open office write

b. Antivirus program

c. Disk defragmenter

d. both b& c

ii. Which of the following acts as an interface between the user and the hardware?

- a. Operating System
- b. language processors
- c. utility software
- d. both a& b

iii. Which of the following facilities is not available in a word-processing package?

- a. Assigning values of variables
- b. inserting new paragraphs
- c. checking spellings
- d. Aligning text

2) Fill ups:

- a. _____ is the best known example of system software.
- b. Adobe director is an example of _____ software.
- c. DBMS stands for _____.

3) State true or false:

- i. Quick Heal is a utility software.
- ii. An application software cannot run in the absence of an operating system.
- iii. An antivirus program is a utility program.

4) full forms

- i. GPS
- ii. Mbps
- iii. MBps

5) Answers the following questions:

- i. What is application software? Give any two examples.
- ii. What is the purpose of utility software? Name two commonly used utilities
- iii) What do you understand by the term Bandwidth ?

ART & CRAFT

- 1) make a “ camp lantern” with a plastic bottle and decorate it
- 2) Do page no. 12, 13, 17, 38
- 3) Make a paper-pasting collage Art on an A3 size sheet (Any Bird, Animal, landscape etc.